

# *Address Validation Tools*

**Federal Mail Education Forum  
June 3, 2015**

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United States Postal Service®



# Overview

- Why validation matters
- What is a quality address
- Address validation tools
  - CASS™
  - AEC/ AECII®
  - Change of Address
  - Secure Destruction
- Pulling it all together





# *America is Growing*



1.07 million new addresses created in FY14



## *Why Address Validation Matters*

- Address Validation is one of the key components to your mailing process
- Addresses that do not validate are at risk of non-delivery
- Addresses need to be
  - Complete
  - Correct
  - Current

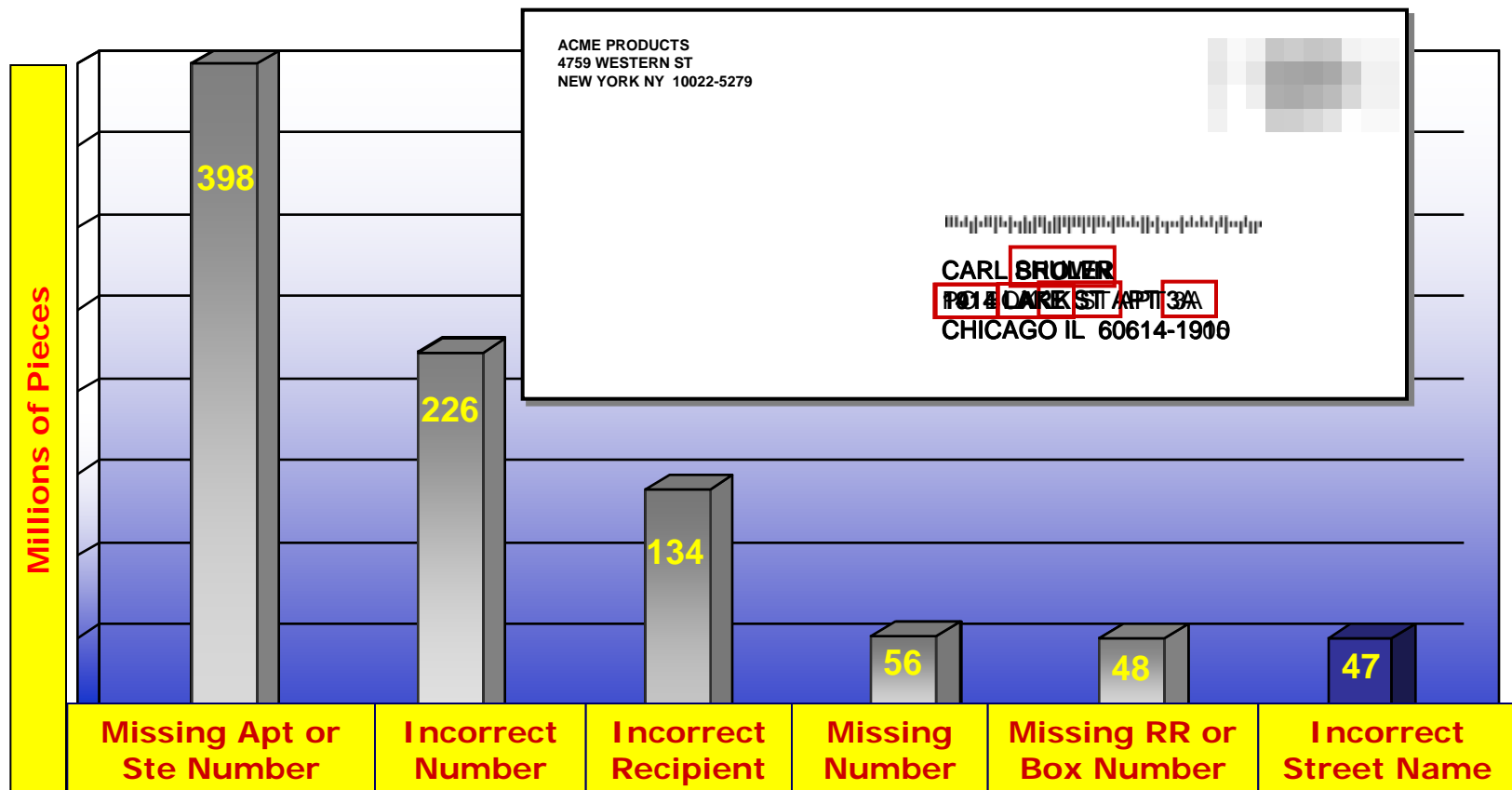


## *Address Quality*

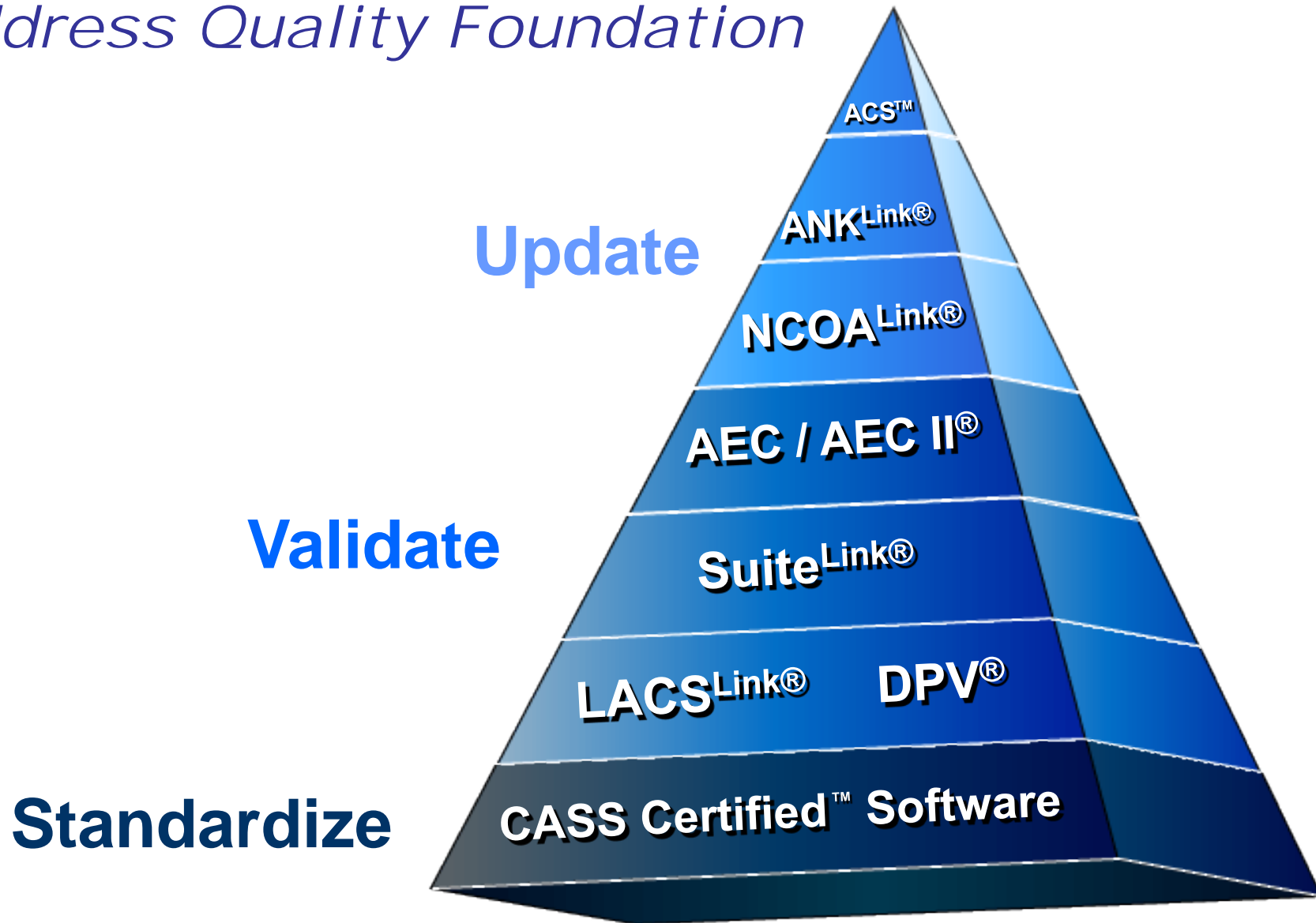
- Complete the address
  - Leverage software and data to provide the missing information
    - ZIP + 4<sup>®</sup>, street name, directional, primary and secondary numbers, city, state
- Correct the address
  - Verifies address is deliverable
  - Corrects misspellings
  - Ensures the city, state, and ZIP Code<sup>™</sup> are correct
- Keep the address current
  - Person, family, or business moved
  - Municipality introduced changes

# Common Address Quality Problems

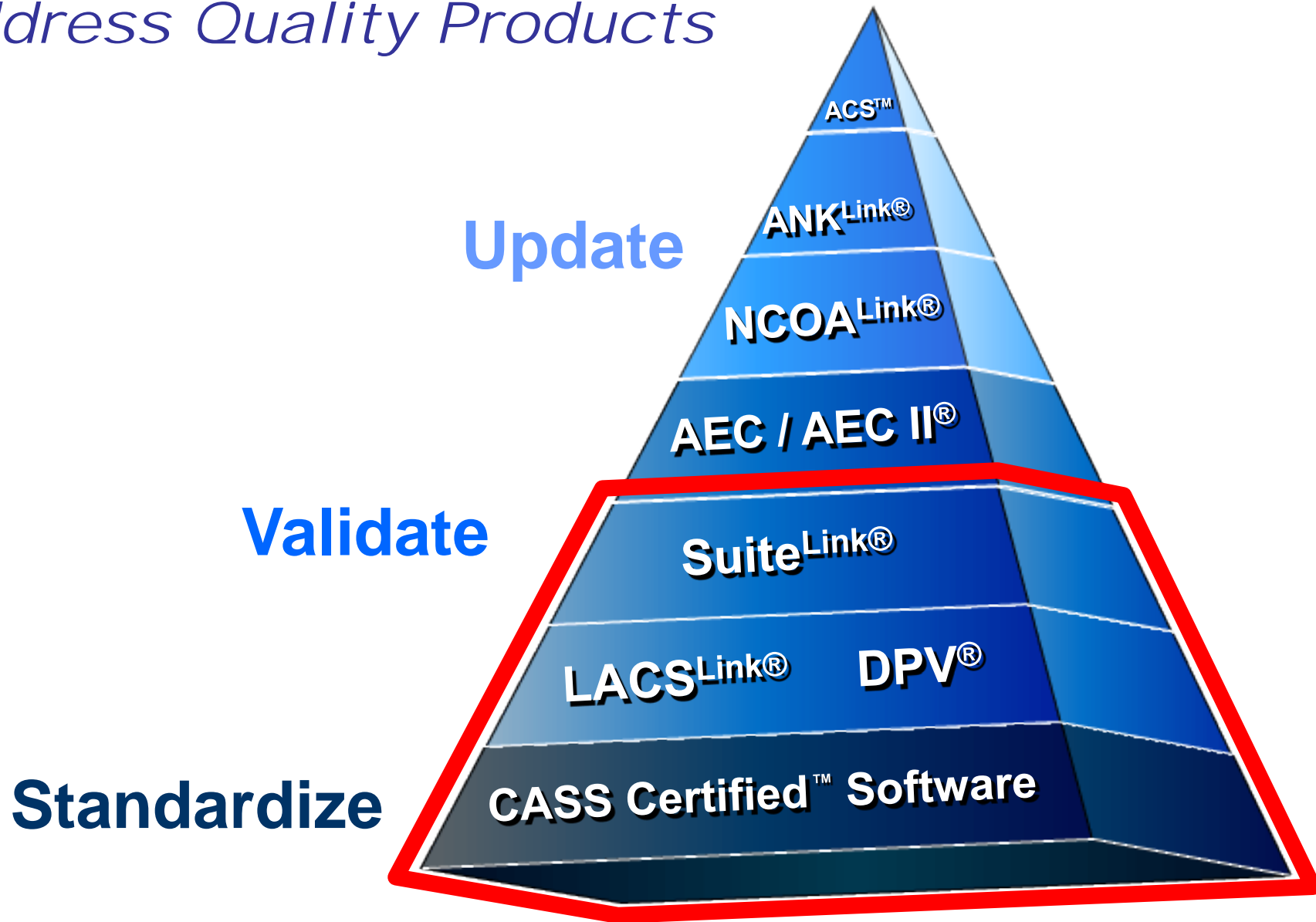
## Physical Address Undeliverable As Addressed (UAA)



# *Address Quality Foundation*



# *Address Quality Products*





## CASS™ Product

- USPS® certified benchmark
- Sets minimum performance standards for commercial ZIP + 4® address matching software
- Developers must pass USPS® test for CASS certification
  - CASS Vendor List  
<https://ribbs.usps.gov/files/vendors/#index.txt>
- Address matching software attempts to match addresses against range-based records on USPS ZIP + 4 files
- Provides carrier route assignment
- Pre-Mailing process



## *CASS™ Product Return Codes*

CASS Certified™ software products return codes indicating address assignment

10	Invalid Address	22	Multiple Responses
11	Invalid City/State/ZIP	23	Error in Primary
12	Invalid State	31	Single Response
13	Invalid City	32	Default Response
17	Insufficient Data	33	Non-deliverable
21	Address Not Found		

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13	Invalid City	32	Default Response
17	Insufficient Data	33	Non-deliverable
21	Address Not Found		

## *DPV® / DSF2®*

- Incorporated into CASS Certified™ Address Matching software
- Confirms the existence of a specific delivery point in AMS
  - Identifies additional information about that address
    - commercial mail receiving agency
    - Helps identify vacancies
- Helps to reduce UAA

**100 MAIN ST**

**ANYTOWN TN 38138-6038    Confirmed**

**104 MAIN ST**

**ANYTOWN TN 38138-6038    Not Confirmed**





## DPV® / DSF2® Footnote Codes

AA	Input Address Matched to the ZIP+4 file	P1	Input Address RR or HC Box number invalid
A1	Input Address Not Matched to the ZIP+4 file	P3	Input Address PO, RR, or HC Box number invalid
BB	Input Address Matched to DPV <i>(all components)</i>	RR	Input Address Matched to CMRA and PMB designator present (PMB 123 or #123)
CC	Input Address Primary Number Matched to DPV but Secondary Number not Matched <i>(present but invalid)</i>	R1	Input Address Matched to CMRA but PMB designator not present (PMB 123 or #123)
N1	Input Address Primary Number Matched to DPV™ but Address Missing Secondary Number	F1	Input Address Matched to a Military Address
M1	Input Address Primary Number Missing	G1	Input Address Matched to a General Delivery Address
M3	Input Address Primary Number Invalid	U1	Input Address Matched to a Unique ZIP Code

On footnotes of F1, G1 and U1 move “Y” to the DPV return code and spaces to all other flags.

## DPV® / DSF2® Footnote Codes

AA	Input Address Matched to the ZIP+4 file	P1	Input Address RR or HC Box number invalid
A1	Input Address Not Matched to the ZIP+4 file	P3	Input Address PO, RR, or HC Box number invalid
BB	Input Address Matched to DPV <i>(all components)</i>	RR	Input Address Matched to CMRA and PMB designator present (PMB 123 or #123)
CC	Input Address Primary Number Matched to DPV but Secondary Number not Matched <i>(present but invalid)</i>	R1	Input Address Matched to CMRA but PMB designator not present (PMB 123 or #123)
N1	Input Address Primary Number Matched to DPV™ but Address Missing Secondary Number	F1	Input Address Matched to a Military Address
M1	Input Address Primary Number Missing	G1	Input Address Matched to a General Delivery Address
M3	Input Address Primary Number Invalid	U1	Input Address Matched to a Unique ZIP Code

On footnotes of F1, G1 and U1 move “Y” to the DPV return code and spaces to all other flags.

## *DPV® Tables*

A	Address Table
C	CMRA (Commercial Mail Receiving Agency)
F	False Positive (Integrity)
P	PBSA (PO Box Street Address)
V	Vacant
X	No-stat (address not counted for delivery)

## *DSF²® Tables*

A	Address Table
B	Business
C	CMRA (Commercial Mail Receiving Agency)
D	Drop Address
E	Educational
F	False Positive (Integrity)
L	LACS
P	PBSA (PO Box Street Address)
S	Seasonal
T	Throwback
V	Vacant
X	No-stat (address not counted for delivery)

## LACSLink®

- Incorporated into CASS Certified™ Address Matching software
- Converts addresses that are changed by local governments
  - Rural route to street style conversion
  - Renumbering changes
  - Street name changes

### Old Style

RR 5 Box 234

471 Main St

987 Edgewater Dr

### New Style

5471 Apple Drive

1471 Main St

987 Waterways Blvd



Delivery point remains the same and the residents have not moved, but the address has been changed.



## *LACS<sup>Link</sup>® Return Codes*

A	<b>LACS<sup>Link</sup> Record Match</b> – The input record matched to a record in the master file. A new address could be furnished.
00	<b>No Match</b> – The input record COULD NOT BE matched to a record in the master file. A new address could not be furnished
09	<b>LACS<sup>Link</sup> Record Match: Highrise Default</b> – The input record matched to a record in the master file, but the old address is a high-rise default.
14	<b>Found LACS<sup>Link</sup> Record: New Address Would Not Convert at Run Time</b> – The input record matched to a record in the master file. The new address could not be converted to a deliverable address
92	<b>LACS<sup>Link</sup> Record: Secondary Number Dropped from Input Address</b> – The input record matched to a master file record, but the input address had a secondary number and the master file record did not. The record is a ZIP + 4 street level or high-rise match

## *SuiteLink® Product*

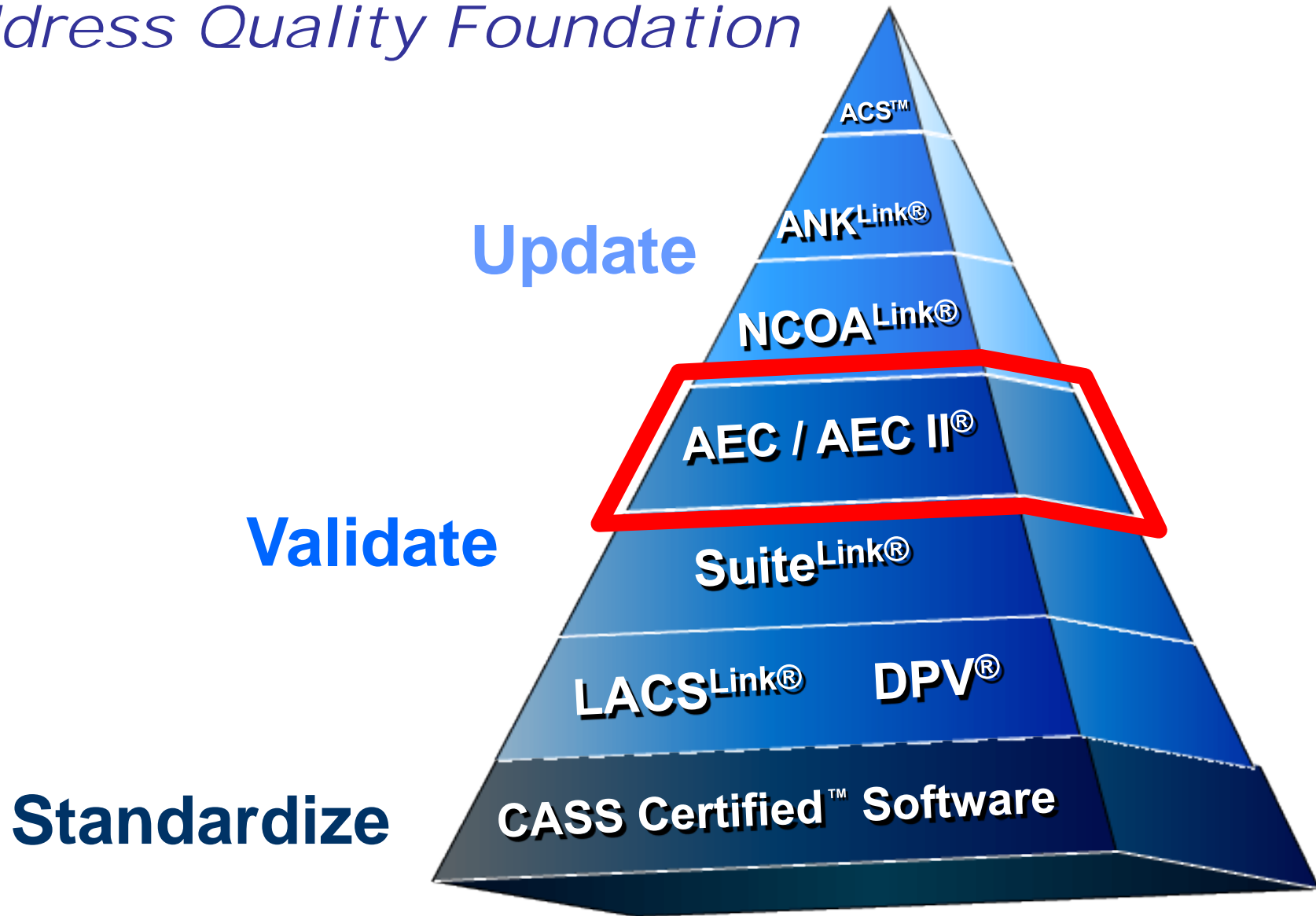
- Improves address assignments to business addresses by adding known secondary (suite) numbers
- Provided a business name and an associated ZIP + 4® coded address matches to a high-rise default, the SuiteLink process will return the appropriate suite number when available



## *SuiteLink® Return Codes*

A	SuiteLink Record Match – The input record matched to a record in the master file. An improved business address could be furnished.
00	No Match – The input business name and/or address COULD NOT BE matched to a record in the master file.

# *Address Quality Foundation*





## *AEC & AEC II®*

- AEC provides a crucial “last resort” approach to stubborn addresses
  - USPS® service to help correct addresses that CASS Certified™ software cannot fix
- Resolves physical address deficiencies
- Costs \$21.00 per thousand
- Average correction rate - 38%
- Pre-Mailing process

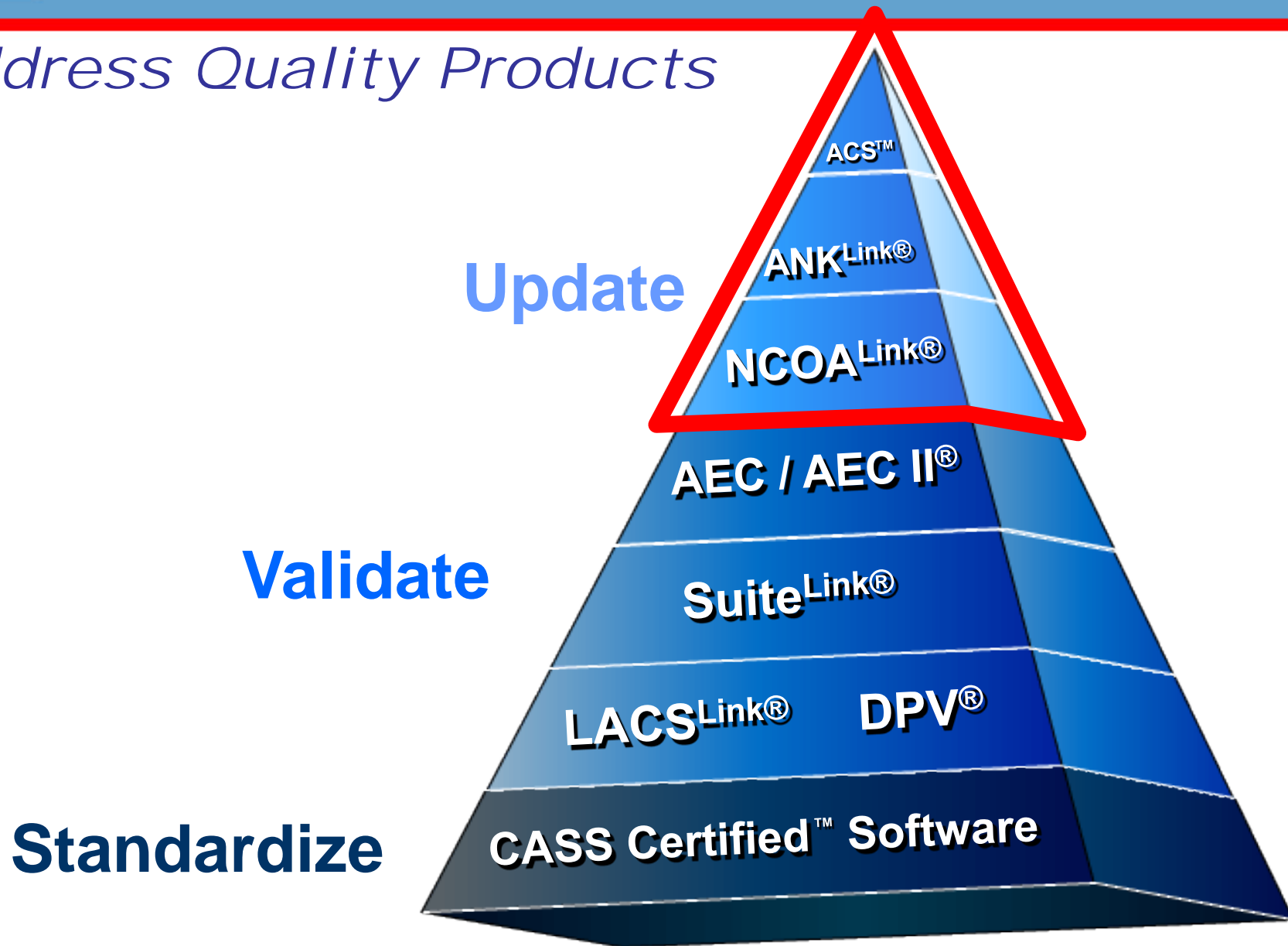


## *AEC & AECII® Service*

- AECII expands AEC processing
  - Leverages Delivery Force Knowledge™ for addresses that AEC cannot correct
- AEC II cost - \$0.32 per record
  - Average: 85% resolution rate
  - Average: 51% correction rate



# *Address Quality Products*



## NCOALink®

- USPS® licensed product using address change information when individuals or businesses inform the USPS of their move
- Provides electronic Change-of-Address information
- Average correction rate (with new address) – 3.41%
- Three different license types
- Variable costs
- Pre-Mailing process





## NCOA<sup>Link</sup>® Service

- A pre-mailing Move Update method leveraging USPS® provided data
- Data delivery from USPS to certified licensees
- Four levels of usage for certified licensees:
  - End User Mailer  
*(18 months of data updated monthly)*
  - Limited Service Provider  
*(18 months of data updated weekly)*
  - Mail Processing Equipment  
*(18 months of data updated weekly)*
  - Full-Service Provider  
*(48 months of data updated weekly)*



## *NCOA<sup>Link</sup>® Footnote Codes for Matching Records*

A	Match	COA Match: The input record matched a COA record.
91	Match	COA Match: Secondary Number dropped from COA.
92	Match	COA Match: Secondary Number dropped from input address.
01	Match	Found COA: Foreign Move. Foreign Move. The customer has moved to a foreign address.
02	Match	Found COA: Moved Left No Address (MLNA). The input record matched a COA record, but there was no new address provided.
03	Match	Found COA: Box Closed No Order (BCNO). The input record matched a COA record, but the PO BOX has been closed and no forwarding addresses was provided.

## *NCOA<sup>Link</sup>® Footnote Codes for Non-Matching Records*

00	No Match	The input record did not match a COA record.
04	No Match	Family match to a COA with a secondary address, but no secondary address was provided on input.
06	No Match	There is more than one COA record and the middle names are different.
07	No Match	There is more than one COA record and the genders are different.
08	No Match	The input record matched two COA records.
09	No Match	The input record matched a COA record from a high-rise address.
10	No Match	The input record matched a COA record for a rural or highway contract route.
11	No Match	The input record matched a COA record with the same surname and address, but there is insufficient name information on the COA record to produce a match.
19	No Match	There is a change of address on file but the new address cannot be ZIP + 4 coded. The new address cannot be confirmed on DPV or the new address is temporary.

## *ANK<sup>Link</sup>® Service*

- A valuable add-on to NCOA<sup>Link</sup>® Limited Service Providers and End User Mailers
- Provides an indicator that a move may have occurred in months 19 through 48
  - Does not contain the actual new address
- Allows for more value out of move update processing
  - Only the flagged addresses need to be sent to a 48-month NCOA<sup>Link</sup> Full-Service Provider

## ACS™

- Provides electronic notices for undeliverable mailpieces
  - Change-of-address (COA)
  - Other reasons for non-delivery
- Traditional ACS™, OneCode ACS® or Full-Service ACS
- Requires an ancillary service endorsement
- Can reduce costs associated with manual returns and manual keying of data
- Centralized fulfillment option (SingleSource)
- Post-Mailing process



# ACS™ Return Codes

K	Customer has moved and left no forwarding address
G	Customer's P.O. Box™ has been closed and no forwarding address was filed
W	Matched with a COA order for a temporary change of address
A	Attempted, not known
B	Returned for better address
D	Outside delivery limits
E	In dispute
I	Insufficient address
L	Illegible

M	No mail receptacle
N	No such number
P	Deceased
Q	Not deliverable as addressed / unable to forward
R	Refused
S	No such street
U	Unclaimed
V	Vacant
X	No such office



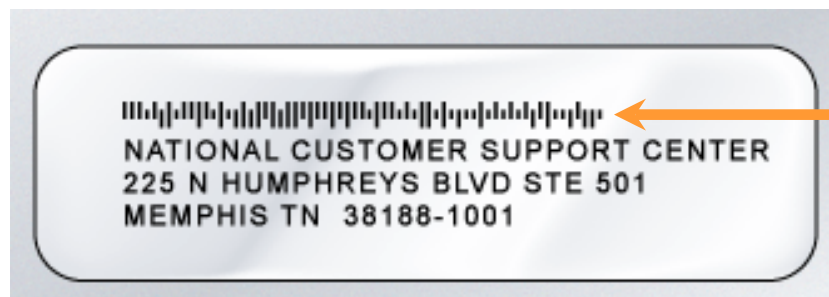
## ACS™ Service

- Participants include an identification code on mailpieces and receive the change-of-address data directly from the USPS®
- Example of participant code and keyline

#BWNFXZT  
#P123456789 2572X 7 #  
JOHN E SMITH  
916 N 5TH ST APT 3  
SPRINGFIELD IL 62702-5288

ACS participant code  
provided by Postal Service™

ACS key line provided by the  
mailer for nixies



Information contained in  
barcode (MID, STID, keyline)

## *STID Characteristics*

### **What is a Service Type ID?**

- The Intelligent Mail® barcode allows the 3-digit Service Type ID field to contain information that USPS® uses to meet your business needs by requesting extra services
- These services include:
  - Mail piece disposition if undeliverable
  - Address correction options
  - IMb Tracing®
  - Secure Destruction



## *Secured Destruction*

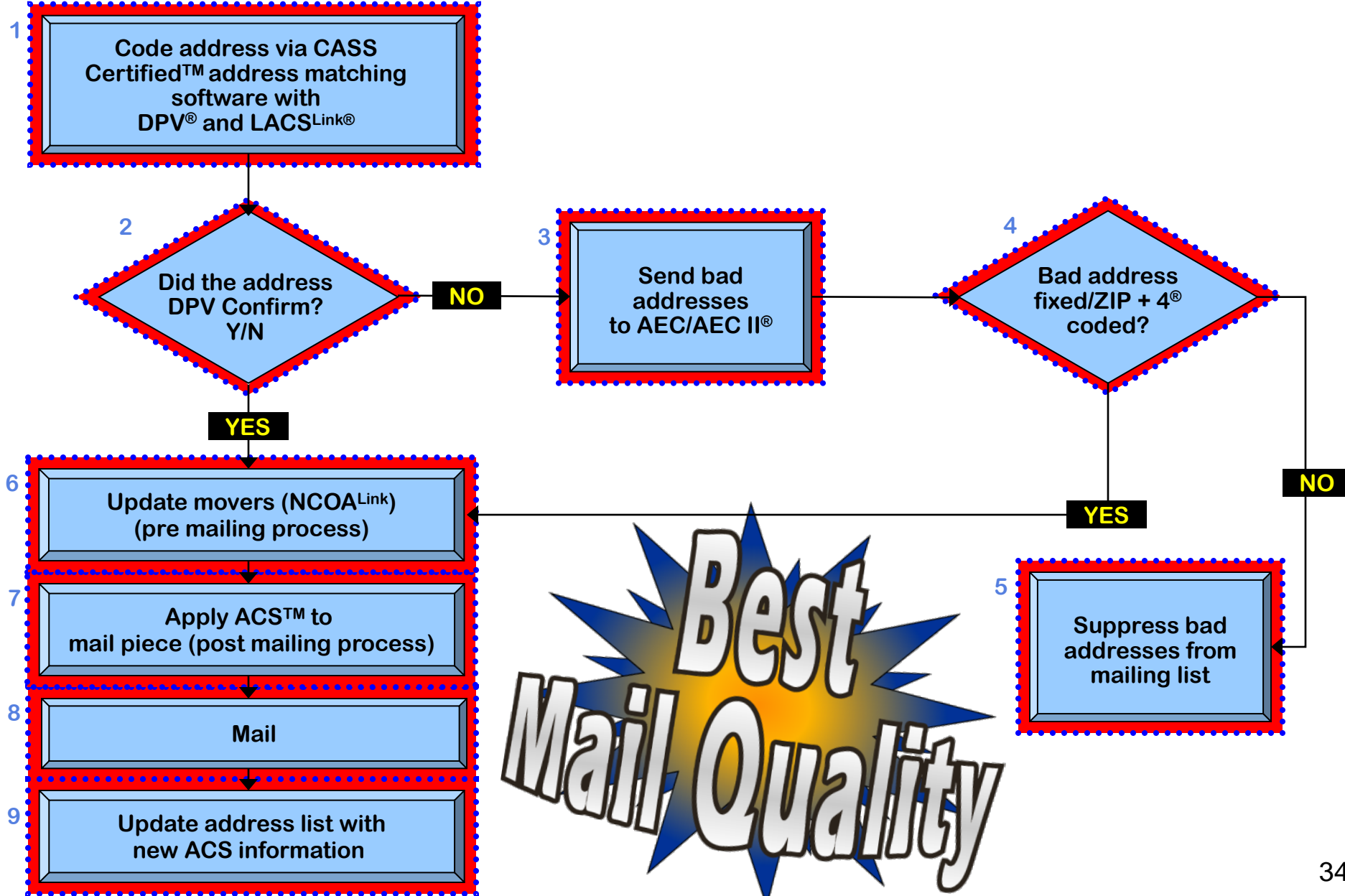
**If we can't cut the volume, we can cut the cost!**

- Reduces USPS® costs of returning First-Class UAA mail
  - \$0.43 per piece to return
  - \$0.11 to waste
- Potential to reduce mailer costs associated with handling and destroying returned mail



**Ask yourself: Do you really need the mailpiece back?**

You can trust the USPS® to securely destroy your mailpieces.



## Summary

- The quality of your address data directly affects the deliverability of your mail!
- USPS® provides an extensive suite of Address Quality products and services; check out [ribbs.usps.gov](https://ribbs.usps.gov).
- USPS is committed to continuous address hygiene improvements to enhance the value of mail.



# For More Information

## ribbs.usps.gov



Intelligent Mail®  
Services

Address Quality  
Products

Business Mail  
Acceptance

Certifications

Industry Outreach

Major/Minor  
Release Schedule

MDA Customer  
Svc Help Desk

Move Update

MTAC

Operations

Updates

### Intelligent Mail® Services



### Mail Entry Roadmap

The [Mail Entry Roadmap](#) describes the Postal Service's key initiatives to streamline the acceptance, induction, and verification of commercial mailings: Full-Service Intelligent Mail®, eInduction, and Seamless Acceptance.

### Full-Service Intelligent Mail Requirements for Automation Prices

Due to the PRC ruling, the Postal Service is delaying the Jan. 26, 2014, implementation of the Full-Service Intelligent Mail requirement for automation price discounts. Mailers who are not currently enrolled in Full-Service effective Jan. 26, 2014, will still be able to claim automation prices.

### eDoc and Full-Service Authorization for Software Vendors

The Postal Service has launched a voluntary process for software vendors and developers to authorize their product(s) in the Test Environment for Mailers (TEM). To get started, [click here](#) to review the Mail.dat or Mail.XML guides and access the on-line Enrollment Tool.

### Find Daily Updates

What documents were updated or added today? Click on the new "Updates" button on the left and review new or updated changes. For additional information, email the business owner located at the bottom of each page under Contact Information.

### USPS Service Alerts

USPS Service Alerts communicates information to residential consumers and business mailers in near real-time about postal facility service disruptions due to weather-related and other natural disasters or events. Business mailers will find more detailed information on the operating status of USPS mail processing facilities and delivery units. For details on current impacted areas, [click here](#).

## IMPORTANT UPDATES

RSS

[Click here for 2015 Network Consolidations](#)

[Click here for Mail Processing Current and Future Operating Plan](#)

[Click here for Network Rationalization Service Standard Analysis](#)

[Click here for Plants with Remittance Mail Documents](#)

[Click here for Customer Letter regarding 2015 Network Consolidations](#)

[Click here for the new Service Type ID information page](#)

[Phase I Hub Facilities](#)

[Service Hubs – Mail Prep and Entry](#)

### Getting Started with Full-Service Intelligent Mail

- Certified Full-Service Vendor Summary List
- Full-Service Certified MSPs / Mail Owner Information Sheet
- Full-Service Intelligent Mail Fact Sheet
- Using Container Placards Fact Sheet
- CRID-MID Acquisition Fact Sheet
- By/For Relationship in Electronic Documentation Fact Sheet
- Mail Anywhere Fact Sheet
- Intelligent Mail for Small Business (IMsb) Tool Fact Sheet
- Seamless Acceptance Mailer Fact Sheet
- Facility File

### PostalOne! Contingency Plan

For mailers unable to submit electronic information, [click here for the PostalOne! Contingency Plan](#).

# National Customer Support Center



## 1-800-238-3150



Thank You!



## *Glossary*

- DPV® – Identify inaccurate or incomplete addresses
- LACS – Locatable Address Conversion System. Automated process of obtaining new address when the address has been changed by the local planning authority or building management
- SuiteLink® – Improves address assignments to business addresses by adding known secondary (suite) numbers
- AEC – Address Element Correction. Corrects and standardizes address elements on the worst addresses not resolved by CASS™
- NCOA – National Change of Address. Aids mailers in identifying address changes before mail enters the mail stream
- ANK – Attempted Not Known. For NCOALink® limited service providers and end user mailers. ANKLink® is an enhancement to the existing 18 month NCOALink product. ANKLink provides an additional 30 months of COA information.
- ACS™ – Cost effective means of obtaining accurate change of address information
- UAA – Undeliverable As Addressed

## *Who Must Use Move Update?*

- Presorted or Automation discounts for First-Class Mail®
- Standard Mail® discounts
- Addresses on mailpieces updated using an approved method within 95 days prior to the mailing date
- First-Class Mail or Standard Mail mailpieces with exceptional or an alternative address format are not required to meet Move Update (mail is not forwarded)
  - Or Current Resident
  - Postal Customer

## *“Default” Undeliverable Mail Treatment*

- The default treatment for **First-Class Mail®** is to forward or return it with no additional postage paid and no separate address correction notice
- **Periodicals** are forwarded for 60 days and an address correction is sent after 60 days (PS Form 3579). Any further pieces are discarded. If Nixie, a notice is sent every time.
- **Standard Mail®** and **Bound Printed Matter** is discarded with no notice to the mailer
- **Standard Post, Parcel Select, Media Mail, and Library Mail** are forwarded to the addressee as Postage Due. Nixies are returned, forwarding (if appropriate) and return postage is charged.

## *Address Service Requested*

- Option 1
  - Forward if possible, return if not
  - Available with Manual or ACS™ notice **for forwarded pieces only**
  - Requires weighted fee for returned Standard Mail®
- Option 2 – Available via ACS only
  - Forward if possible, return if not
  - ACS notice provided **for forwarded and returned pieces**
  - Requires weighted fees for returned Standard Mail

The weighted (per piece) fee is the First-Class Mail® or Priority Mail single-piece price, plus any nonmachinable surcharge multiplied by 2.472; rounding any fractions to the next whole cent.

So:

$$49¢ \times 2.472 = \$1.22$$

## *Change Service Requested*

- Option 1
  - All UAA mail is discarded
  - Available with Manual or ACS™
  - Except: First-Class Mail® requires ACS!
- Option 2 – Available via ACS only
  - Forward if possible, all others discarded
  - ACS notice provided for both
  - Currently only available for First-Class Mail.
  - Soon to be available for Standard Mail letters & flats & Bound Printed Matter with an IMb™.



**No Weighted Fee!**



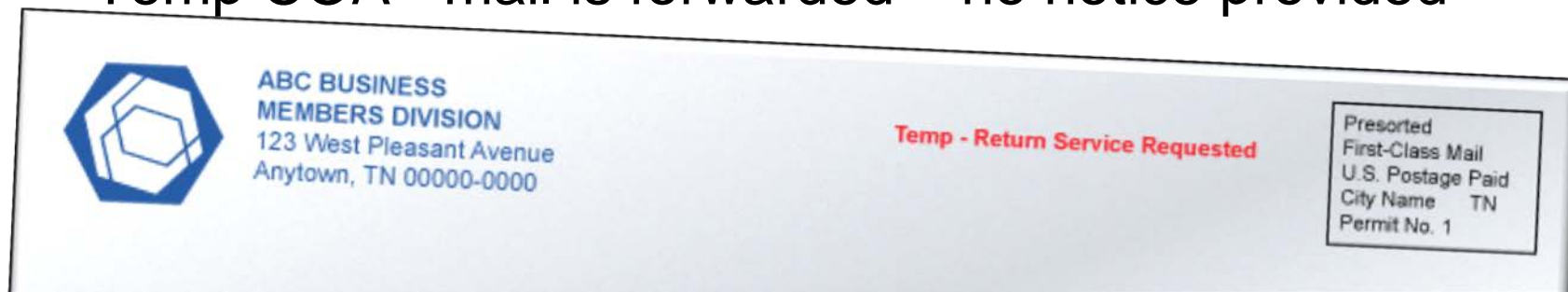
## *Return Service Requested*

- Option 1
  - Manual Service Type ID & print the endorsement
  - All UAA mail is returned to sender
  - No separate notice provided
    - First-Class Mail® returned at no additional charge
    - Standard Mail® returned at First-Class Mail single-piece price
- Option 2 – Available via ACS™ only
  - All UAA mail is returned to sender at prices above
  - ACS notice also provided



## *Temp - Return Service Requested*

- Option 1 – First-Class Mail® ONLY
  - Manual Service Type ID & print the endorsement
  - Permanent COA & UAA mail is returned to sender
    - First-Class Mail returned at no charge
  - Temp COA - mail is forwarded – no notice provided
- Option 2 – Available via ACS for First-Class Mail ONLY
  - Permanent COA & UAA mail is returned to sender at no charge
  - ACS notice also provided
  - Temp COA - mail is forwarded – no notice provided



## *Forwarding Service Requested*

- Option 1
  - Forward if possible, return if not
  - Reason for UAA provided only if returned
  - This is the same as the 'default' treatment for First-Class Mail®
  - Not recommended for Standard Mail®
  - Requires weighted fee for returned Standard Mail
  - Not available with ACS
  - Does not meet Move Update standards

The weighted (per piece) fee is the First-Class Mail or Priority Mail single-piece price, plus any nonmachinable surcharge multiplied by 2.472; rounding any fractions to the next whole cent.

So:

$$49¢ \times 2.472 = \$1.22$$

# STID Information



The screenshot shows the RIBBS National Customer Support Center website. The header includes the USPS logo and the text "RIBBS®". Below the header is a navigation bar with links: Home, Site Index A-Z, Site Index by Topic, Locators/ Lookups, Document Locator, and Contact Us. A search bar is also present. The main content area is titled "Service Type Identifiers (STIDs)" and includes a "Printable View" link and an "RSS" feed icon. A sidebar on the left lists various services: Intelligent Mail® Services, Address Quality Products, Business Mail Acceptance, Certifications, Industry Outreach, Major/Minor Release Schedule, MDA Customer Svc Help Desk, Move Update, MTAC, Operations, and Updates. The main text area contains two paragraphs: one about PostalOne! Release 38.0.0 being rescheduled for implementation on September 7, 2014, and another stating there will be no STID changes or additions scheduled for Release 38.0.0. A red circle highlights the "Important Links" section, which includes links to the NEW: Service Type ID Quick Service Guide (STID QSG) (PDF), Table of Service Type Identifiers (PDF), Appendix A: Ancillary Services - Service Type Identifier (STID) Detailed Explanation (PDF), Intelligent Mail Barcode Specification (PDF), and List of Resources (PDF). On the right, an "IMPORTANT UPDATES" section with an "RSS" icon lists several updates, including links for 2015 Network Consolidations, Mail Processing Current and Future Operating Plan, Network Rationalization Service Standard Analysis, Plants with Remittance Mail Documents, Customer Letter regarding 2015 Network Consolidations, new Service Type ID information page, and Phase I Hub Facilities.

**Service Type Identifiers (STIDs)**

[Printable View](#) [RSS](#)

**Important Links**

- [NEW: Service Type ID Quick Service Guide \(STID QSG\) \(PDF\)](#)
- [Table of Service Type Identifiers \(PDF\)](#)
- [Appendix A: Ancillary Services - Service Type Identifier \(STID\) Detailed Explanation \(PDF\)](#)
- [Intelligent Mail Barcode Specification \(PDF\)](#)
- [List of Resources \(PDF\)](#)

PostalOne! Release 38.0.0 originally scheduled for July 2014 has been rescheduled for implementation on September 7, 2014.

There will be no STID changes or additions scheduled for Release 38.0.0. A previously posted pre-notice of new STIDs for July has been removed from the Important Links.

The Service Type Identifier (STID) in the Intelligent Mail barcode is used to identify mailpiece movement through the postal system and support any additional services requested for that mailpiece. The STID

**IMPORTANT UPDATES** [RSS](#)

- [Click here for 2015 Network Consolidations](#)
- [Click here for Mail Processing Current and Future Operating Plan](#)
- [Click here for Network Rationalization Service Standard Analysis](#)
- [Click here for Plants with Remittance Mail Documents](#)
- [Click here for Customer Letter regarding 2015 Network Consolidations](#)
- [Click here for the new Service Type ID information page](#)
- [Phase I Hub Facilities](#)

**ribbs.usps.gov/stids**



# Table of SIBDs

Class of Mail	Address Correction Option	Nonautomation w/o IMb Tracing™	Nonautomation with IMb Tracing	Full-Service w/o IMb Tracing	Full-Service with IMb Tracing
		300	310	260	270

First-Class Mail	No Address Corrections				
	Manual				
	OneCode				
	OneCode				
	OneCode				
	OneCode				
	OneCode				
	OneCode				
	Full-Service				
	Full-Service				

Class of Mail	Address Correction Option	Nonautomation w/o IMb Tracing™	Nonautomation with IMb Tracing	Full-Service w/o IMb Tracing	Full-Service with IMb Tracing
		301	311	261	271

Standard Mail	No Address Corrections				
	Manual				
	OneCode				
	OneCode				
	OneCode				
	OneCode				
	OneCode				
	OneCode				
	Full-Service				
	Full-Service				

Class of Mail	Address Correction Option	Nonautomation w/o IMb Tracing™	Nonautomation with IMb Tracing	Full-Service w/o IMb Tracing	Full-Service with IMb Tracing
		401		265	

Bound Printed Matter	No Address Corrections				
	Manual				
	OneCode				
	OneCode				
	OneCode				
	OneCode				
	OneCode				
	OneCode				
	Full-Service				
	Full-Service				

Class of Mail	Address Correction Option	Nonautomation w/o IMb Tracing™	Nonautomation with IMb Tracing	Full-Service w/o IMb Tracing	Full-Service with IMb Tracing
		704	044	264	

Periodicals <sup>1,2</sup>	No Address Corrections				
	Manual				
	OneCode				
	OneCode				
	OneCode				
	OneCode				
	OneCode				
	OneCode				
	Full-Service				
	Full-Service				

Class of Mail	Address Correction Option	Nonautomation w/o IMb Tracing™	Nonautomation with IMb Tracing	Full-Service w/o IMb Tracing	Full-Service with IMb Tracing

Priority Mail®	Priority Mail	710			
	Priority Mail FlatRate	712			
		060			
		703 **** or 700			

Critical Mail	Critical Mail				

Registered Mail	Courtesy Reply Mail	708			
	Business Reply Mail				

1. For Periodicals, the following SIBDs apply:

2. For Periodicals, the following SIBDs apply:

## *STID Characteristics*

- **Mail Class**
  - First-Class
  - Periodicals
  - Standard
  - Package Services
- **Mail Entry Option**
  - Full-Service
  - Basic
  - Non-Automation
- **IMb Tracing®**
  - Barcode scans that provide status information of a mailpiece
  - This discussion addresses Destination IMb Tracing



## *STID Characteristics*

- **UAA Disposition**
  - Forward
  - Return
  - Discard
  
- **Address Correction Type, if any**
  - None
  - Hardcopy
  - ACS™
    - OneCode ACS®
    - Full-Service ACS
    - Traditional ACS (#B - - - - -)

## *What is Move Update?*

Move Update describes the process of periodically matching a mailer's address records with customer-filed Change-of-Address orders received and maintained by the Postal Service™

Move Update =

***Fewer Forwarded and Returned Mailpieces***

## *Move Update Methods*

- **NCOA<sup>Link</sup>®** - including both pre-mail NCOA<sup>Link</sup> processing systems and the physical mailpiece processing equipment system: Mail Processing Equipment (MPE).
- **ACS**
- **Applicable ancillary service endorsements** under [507.1.5.1](#) or [507.1.5.3](#), except “Forwarding Service Requested.” Just printing the endorsement on the piece does not meet the requirement!
- **For First-Class Mail<sup>®</sup>, and First-Class Package Service only:** Mailer Move Update Process Certification and USPS<sup>®</sup>-approved alternative methods for mailers with legitimate restrictions on incorporating USPS-supplied change-of-address information into their mailing lists.